

URANIUM CORPORATION OF INDIA LIMITED
JADUGUDA MINES

Annexure-1
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Public Tender No. : PUR / 2 / 19 / 8399 / 585
Item : Conveyor Belt

M A T E R I A L D E T A I L S

Sl.No.	Description	Quantity
1)	Conveyor Belt, 1600mm x 800/4 x 6/3mm. Detailed specification as per Spec-I attached	350 mtrs.
2)	Conveyor Belt, 1200mm x 1250/5 x 6/3mm. Detailed specification as per Spec-II attached	350 mtrs.

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Item : Conveyor Belt

SPECIFICATION OF CONVEYOR BELT (Spec-I) (BC-1)

Duty :- To handle highly abrasive uranium ore having lump sizes between
150mm to 550mm.

Height of fall – 3mt to 4.5mt

Sp. Gr. of ore ~ 2.8

Standards: i) IS 1891 Part I – 1994
 ii) DIN – N
 iii) AS – A

Cover grade : Super Abrasion Resistant
 Maximum Abrasion Loss – 90 mm³
 Top rubber thickness – 6 mm
 Bottom rubber thickness – 3mm
 Cut Edge

Carcass : Heavy Duty
 Rating – 800/4
 Type – NN (Nylon-Nylon)

Breaker : Two numbers
 i) One at the top
 ii) One floating

Width : 1600mm

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SPECIFICATION OF CONVEYOR BELT (Spec-II) (BC-4, Modified)

Duty :- To handle highly abrasive uranium ore having lump sizes between
25mm to 150mm.

Height of fall – 1mt to 3 mt

Sp. Gr. of ore ~ 2.8

Standards: i) IS 1891 Part I – 1994
 ii) DIN – N
 iii) AS – A

Cover grade : Super Abrasion Resistant
 Maximum Abrasion Loss – 90 mm³
 Top rubber thickness – 6 mm
 Bottom rubber thickness – 3mm
 Cut Edge

Carcass : Heavy Duty
 Rating – 1250/5
 Type – NN (Nylon-Nylon)

Breaker : Two numbers
 i) One at the top
 ii) One Floating

Width : 1200mm

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